



PROTEX 8216-5B FILM

Protective Papers and Films



Protex 8216-5B is a 5 mil polyester film with an acrylic latex adhesive, tinted blue, designed to protect various metal surfaces including polished, clad, bare and heat treated aluminum, stainless steel and various coated and un-coated plastic surfaces, e.g. stretched acrylic, Plex II, cast acrylic, and polycarbonates. PROTEX 8216-5B is capable of withstanding temperatures up to 325 degrees and prolonged outdoor exposure. Chemical resistance recommended only after thorough initial testing.

**This product is not intended for fly-away applications. Test prior to use on copper, brass or anodized aluminum or before outdoor exposure.*

TEST RESULTS

SOLVENT RESISTANCE:

- 1,1,1, Trichloroethane Degrease - 1 hr. @ 140 degrees F. - No transfer, slight edge penetration.
- Excellent resistance to: Toluene, MPK, Alcohols, Trichloroethylene.

HEAT RESISTANCE:

- Acrylic & Aluminum
1 yr. outdoor and 150 degrees F.
200 hr. Atlas weatherometer
- Clad Aluminum
96 hrs. @ 290 degrees F. 1 yr.
@ 150 degrees F.
- Polished Aluminum
1 yr. @ 150 degrees F
- Autoclave
2 x 1 hr. @ 350 degrees F. and 35 psi

BACKING:

Thickness, mils	5
Tensile strength, PSI/mil.....	30,000
Elongation at break %.....	60 - 110
Elmendorf Tear, grams	15

ADHESIVE:

Base	Acrylic
Adhesion to steel, oz./in. width	1 - 2 (-0.2/+0.4) (At time of manufacture)
PSTC-1 (Modified)	Silicone Free

STORAGE:

Shelf life is 1 year if stored in a cool dry place, out of direct sunlight.

ROLLS SIZES:

36" x 100 yds
48" x 100 yds

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